



Non-Destructive Testing

Author :	C. R. L. Murthy
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Product Description

Quality, Reliability and Structural Integrity Evaluation have been the key words for a Safe world. Non-invasive industrial diagnostics though have been in practice through intuitive methods since times immemorial, the scientific formalization of the term Nondestructive Testing (NDT) which is synonymously used with Nondestructive Evaluation (NDE) and Nondestructive Inspection (NDI) is only a few centuries old. With the evolving needs of the industry the Science and Technology of NDE has lead to tremendous Research and Development efforts and standardization of testing techniques to meet these ever changing requirements. In fact, the basic concept of the subject itself has taken a transformation and brought forth a newer title Structural Health Monitoring (SHM) and Smart Structures hand in hand with the changing concepts of design and discovery of newer materials to achieve higher levels of safety, quality and reliability via real time diagnosis and implementation of healing strategies.



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

Table Of Content

FOREWORD

PREFACE

SECTION-I INTRODUCTION

Chapter 1: NDT & E- ITS Significance.

SECTION II General and Simple Methods

Chapter 2: Liquid Penetrant Testing.

Chapter 3: Visual Inspection.

Chapter 4: Leak Testing.

SECTION III Magnetic and Electro Magnetic Methods

Chapter 5: Radiography.

Chapter 6: Real -Time Radiography.

Chapter 7: Computed Tomography.

Chapter 8: Magnetic Particle Testing

Chapter 9: Eddy Current Testing.

Chapter 10: Thermal Inspection.

SECTION IV Acoustic Methods

Chapter 11: Ultrasonic Testing.

Chapter 12: Acoustic Emission Testing.

SECTION V Other techniques

Chapter 13: Microwave Inspection.

Chapter 14: Shearography.

Bibliography



Authors

Prof. C. R. L. Murthy is currently a Professor at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore. He has more than three decades of experience in teaching and practicing different NDE methods. He has been a pioneer specialized in the field of NDT & E in the country. **Dr. M. R. Bhat** is currently working as Principal Research Scientist at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore. He has more than twenty years of experience in teaching and practicing NDE methods.

